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ABSTRACT OF THE DISCLOSURE

2 A water activated release triggering mechanism is removably held to an exterior surface of a
3 buckle housing and includes at least two probes and at least two batteries distributed between
4 independent paths, for firing a squib. The distribution of batteries between independent paths
5 precludes false firing from a single short with the body of the housing. The triggering mechanism is
6 designed to be impervious to Electro Magnetic Interference (EMI) and to preclude false release in the
7 presence of 20,000 volts of Electro Static Discharge (ESD). The triggering mechanism may be easily
8 removed for servicing, replacement, or for upgrading. In one embodiment, the triggering mechanism
9 causes the buckle to release in the same manner as during manual release.